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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: [year=2007; month=11; day=21; hr=10; min=13; sec=39; ms=737;
]

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Application No: 10534010 Version No: 1.0

Input Set:

Output Set:

Started: 2007-10-31 14:10:09.292
Finished: 2007-10-31 14:10:10.981
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 689 ms
Total Warnings: 40
Total Errors: 0
No. of SeqIDs Defined: 41
Actual SeqID Count: 41

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
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W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

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Actual SeqID Count: 41

Error code	Error Description
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SEQUENCE LISTING

<110> THE JOHN HOPKINS UNIVERSITY

<120> ENGINEERED RNAi ADENOVIRUS SILENCING EXPRESSION (ERASE)
OF DNA REPAIR PROTEINS

<130> 59564-PCT (71699)

<140> 10534010

<141> 2007-10-31

<150> PCT/US03/36367

<151> 2003-11-12

<150> 60/425,897

<151> 2002-11-12

<160> 41

<170> PatentIn Ver. 3.2

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<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
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gttacagttt ttt 73

<210> 2

<211> 79

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

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agaacatgat agagctacg 79

<210> 3

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

target sequence

<400> 3

tgcgtcaac tagaacatga tagagctaca g

31

<210> 4

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

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cggttagttt ttt

73

<210> 5

<211> 79

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 5

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caacacacaagc ctccaggcg

79

<210> 6

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
target sequence

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<210> 7

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

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<210> 8
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
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attgttagcaa catactacg 79

<210> 9
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
target sequence

<400> 9
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<210> 10
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 10
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agtacagttttttt 73

<210> 11
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

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accagaggaa tataatacgtttt 79

<210> 12
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic target sequence

<400> 12
ggcagtgcaca caccagagga atataataca g 31

<210> 13
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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gtaattcttt ttt 73

<210> 14
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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tctgcggatt gcagcaacg 79

<210> 15
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic target sequence

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ataaacgagac ttctgcggat tgcaagcaacc 30

<210> 16

<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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tgagtcgtt ttt 73

<210> 17
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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tggccagtgg tcatgagcg 79

<210> 18
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic target sequence

<400> 18
atgctgtgga atggccagtg gtcatgagcc g 31

<210> 19
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 19
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atatcttttt ttt 73

<210> 20
<211> 79
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic target sequence

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<210> 22

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<210> 23

<211> 79

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

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attgggtgaa gttcatccg 79

<210> 24

<211> 31

<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
target sequence

<400> 24
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31

<210> 25
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
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<400> 25
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ttcattattt ttt

73

<210> 26
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 26
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acttctgtgc aacttcacg

79

<210> 27
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
target sequence

<400> 27
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<210> 28
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<221> modified_base
<222> (29)..(36)
<223> "n" may be a, t, c or g; see specification for various
other descriptions.

<400> 28
tagctctatc atgttctagt tgacggcann nnnnnntgcc gtcgactagg acatggtaga 60
gttacagttt ttt 73

<210> 29
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
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oligonucleotide

<220>
<221> modified_base
<222> (29)..(36)
<223> "n" may be a, t, c or g; see specification for various
other descriptions.

<400> 29
cctggaggct tgtgttgagg ctgatacann nnnnnntgta tcagcctcag cataaggcctc 60
cgggtatgtt ttt 73

<210> 30
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
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<222> (29)..(36)
<223> "n" may be a, t, c or g; see specification for various
other descriptions.

<400> 30
tagtatgttg ctacaatcag ctccgtaann nnnnnnttac ggagctgatt gtggcgacgt 60
attactcttt ttt 73

<210> 31
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<221> modified_base
<222> (29)..(36)
<223> "n" may be a, t, c or g; see specification for various
other descriptions.

<400> 31
tattatattc ctctggtgtg gcactgccnn nnnnnngca gtgtcacact agagggatat 60
agtacagttt ttt 73

<210> 32
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<221> modified_base
<222> (29)..(36)
<223> "n" may be a, t, c or g; see specification for various
other descriptions.

<400> 32
ttgctgcaat ccgcagaagt ctcgttatnn nnnnnnataa tgagacttct gcggattgta 60
gtaattcttt ttt 73

<210> 33
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<221> modified_base
<222> (29)..(36)
<223> "n" may be a, t, c or g; see specification for various
other descriptions.

<400> 33
ctcatgacca ctggccattc cacagcatnn nnnnnnatgc tgtggagtgg ccggtggtta 60
tgagtcgttt ttt 73

<210> 34
<211> 73

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<221> modified_base
<222> (29)..(36)
<223> "n" may be a, t, c or g; see specification for various other descriptions.

<400> 34
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atatcttttt ttt 73

<210> 35
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<221> modified_base
<222> (29)..(36)
<223> "n" may be a, t, c or g; see specification for various other descriptions.

<400> 35
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cgtcttattt ttt 73

<210> 36
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<221> modified_base
<222> (29)..(36)
<223> "n" may be a, t, c or g; see specification for various other descriptions.

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ttcattattt ttt 73

<210> 37
<211> 179
<212> DNA
<213> Human adenovirus type 5

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taaaggggca ctcttcgtg gtctggtggaa taaattcgca agggtatcat ggcggacgac 120
cggggttcga gccccgtatc cggccgtccg ccgtgatcca tgcggttacc gccccgcgtg 179

<210> 38
<211> 127
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
promoter sequence

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tgatcggggtg gctctcgctg agttggaaatc cttttggat ccaccgggt tcgagccccg 120
cttaaga 127

<210> 39
<211> 127
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
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tccccgc 127

<210> 40
<211> 130
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
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cttaagacta 130

<210> 41
<211> 126
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
promoter sequence

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caccggatca agttcatca ggtggctccc gctgaattgg aatccagacc acggactcct 120
ccccgc 126